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1 13. The method of claim 10 wherein the local data store comprises
2 plural local disk units and the remote data store comprises plural remote disk units, each
3 local disk unit being paired with one of the remote disk units to define a remote copy pair.

14. The method of claim 13 further including writing plural blocks of data to the local disk units and sending plural data packets to the remote disk units so that each remote disk unit has a list of sequence numbers from its associated plural data packets, the method further including, for each list of sequence numbers, obtaining a longest run of sequence numbers, obtaining the highest-valued sequence number from the longest run, and obtaining the time stamp corresponding to the highest-valued sequence number, thereby producing a list of time stamps, the method further including selecting a data packet based on the earliest time stamp in the list of time stamps.

1 15. The method of claim 10 wherein the local data store comprises
2 plural local disk systems and the remote data store comprises plural remote disk systems,
3 each local disk system being associated with one or more of the remote disk systems,
4 wherein data stored in one of the local disk systems is also stored on the associated one or
5 more of the remote disk systems.

1 16. The method of claim 15 wherein each of the local disk systems
2 comprises plural local disk units and each of the remote disk systems comprises plural
3 remote disk units, each of the local disk units being associated with one of the remote
4 disk units.

1 ¹⁷ ~~18.~~ The method of claim 16 wherein each local disk unit is associated
2 with one of the remote disk units independently of the local disk system to which the
3 local disk unit belongs.

1 18 ~~19~~. The method of claim 10 wherein writing a block of data to a local
2 data store and sending a data packet to the remote system are performed asynchronously.

1 19 ~~20~~. The method of claim 10 wherein the data packets are sent over a
2 connectionless data network.

